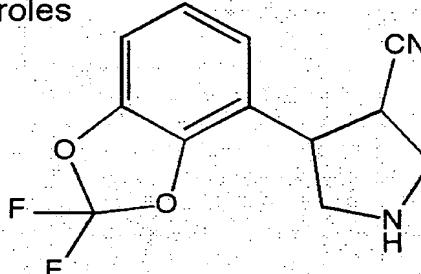


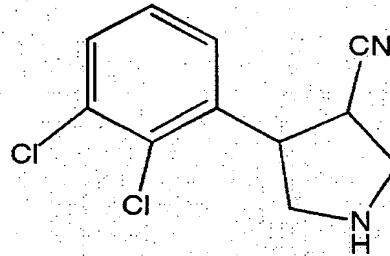
Fig. 1

Phenylpyrroles



Fludioxonil

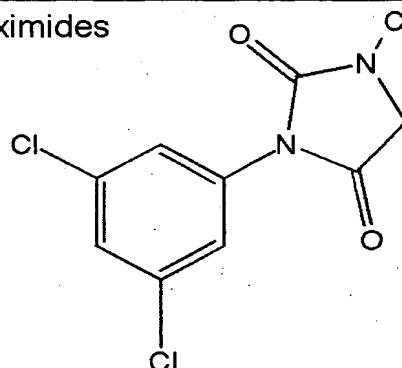
Vegetables, fruit trees



Fenpiclonil

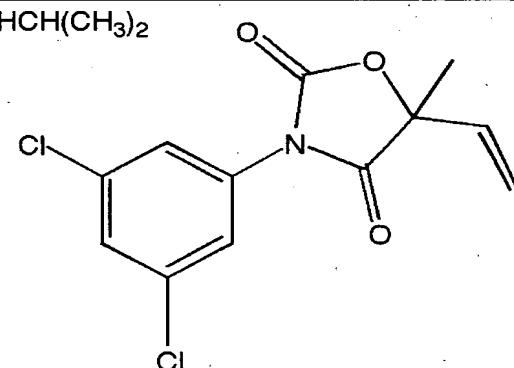
Seed disinfection of various plants

Dicarboximides



Iprodione

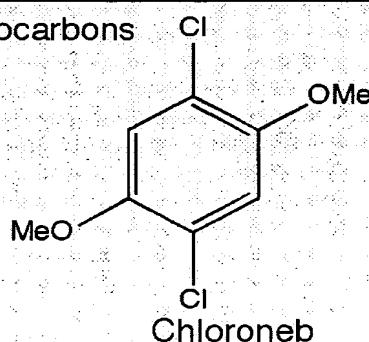
Vegetables, fruit trees, cereals



Vinclozolin

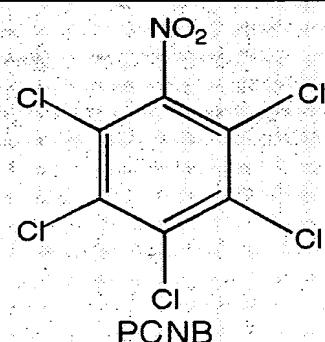
Vegetables, fruit trees

Aromatic hydrocarbons



Chloroneb

Turf

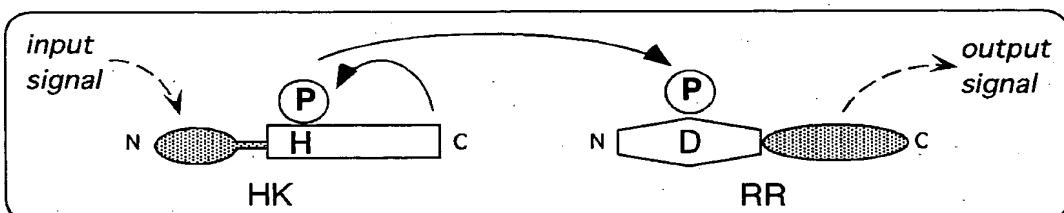


PCNB

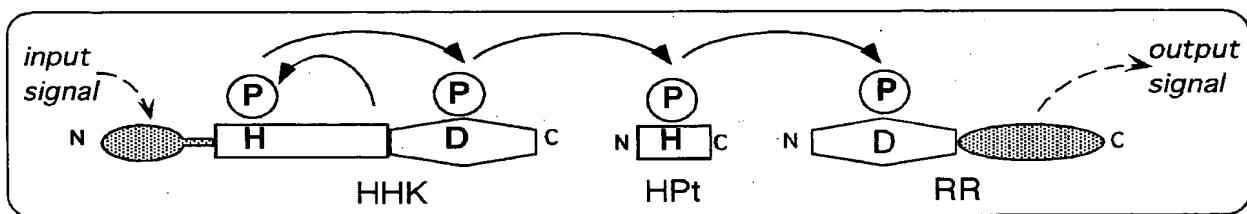
Vegetables

Fig. 2

Basic two-component signal transduction system (bacterial)



Two-component signal transduction system using hybrid-type histidine kinase (eukaryotic)



[H] histidine kinase domain (HKD)

[D] response regulator domain (RRD)

[●] effector domain

HK: histidine kinase

RR: response regulator

HHK: hybrid-type histidine kinase

HPt: histidine containing phospho-transfer protein

Fig. 3

Os-1 family histidine kinase



Saccharomyces cerevisiae
histidine kinase (Sln1)

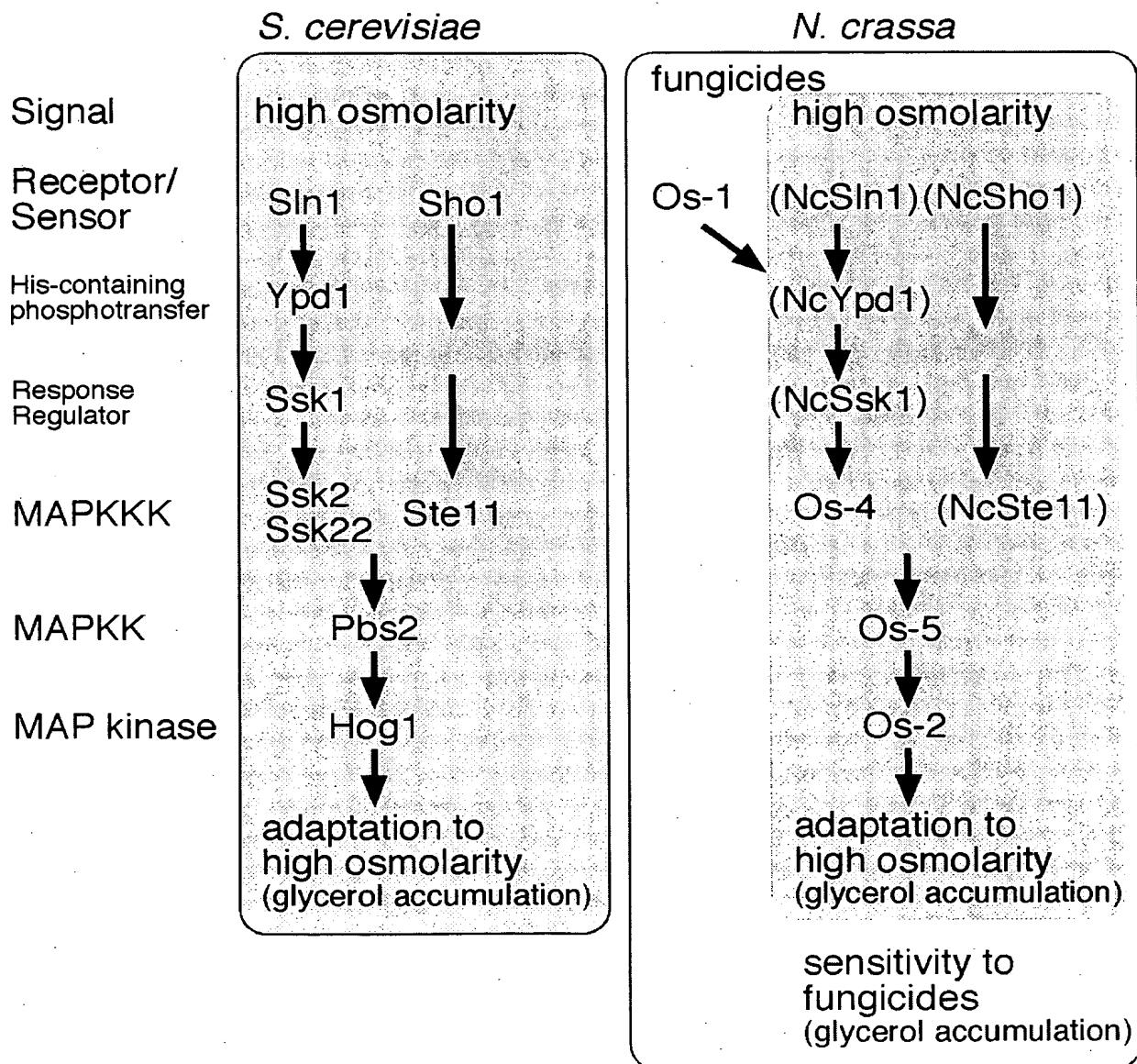


[H] histidine kinase domain

[D] response regulator domain

TMR: transmembrane region

Fig. 4



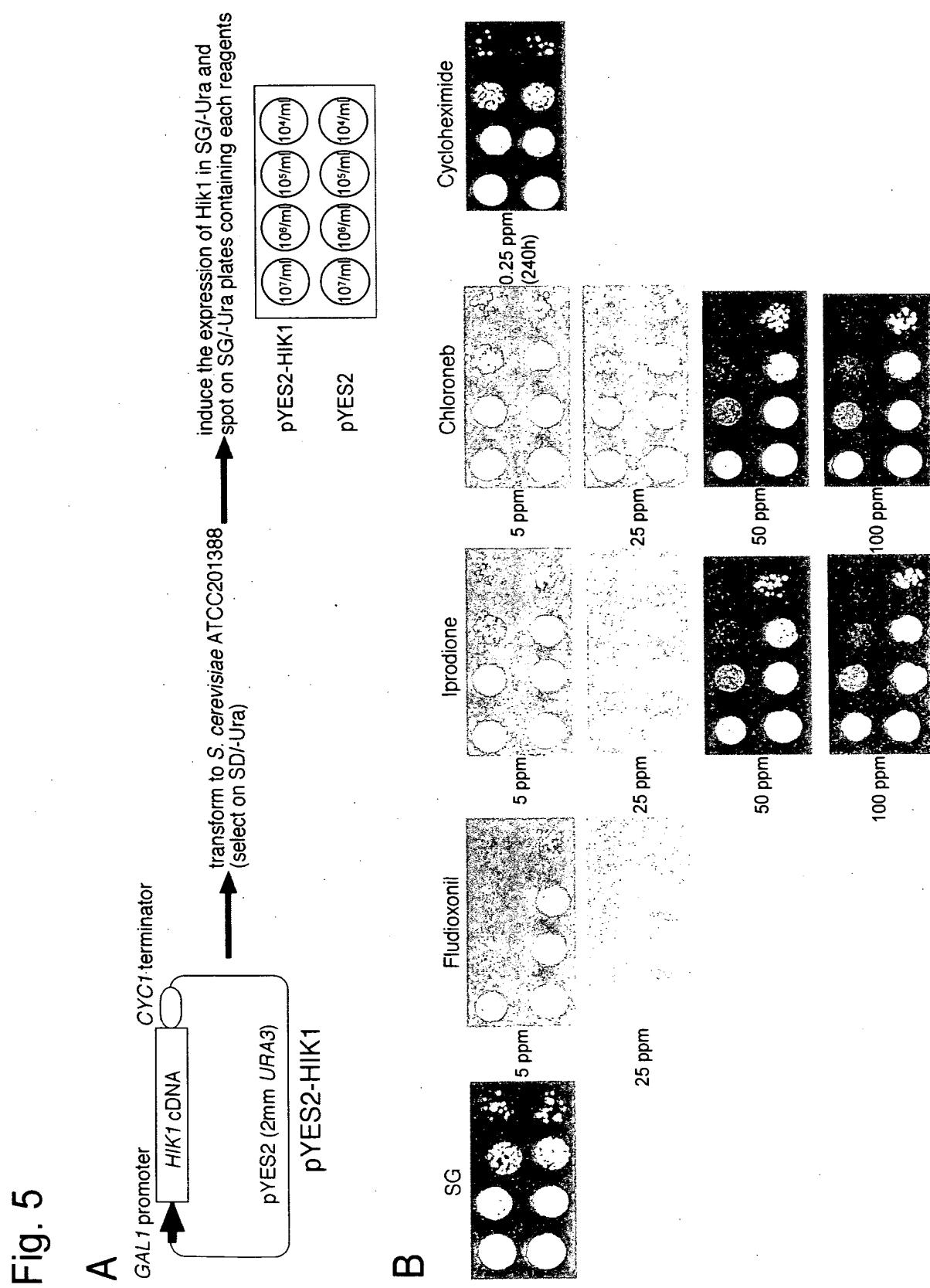
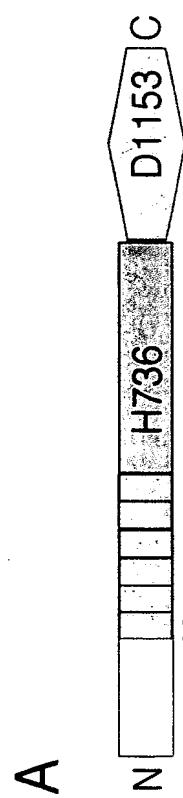


Fig. 6



B

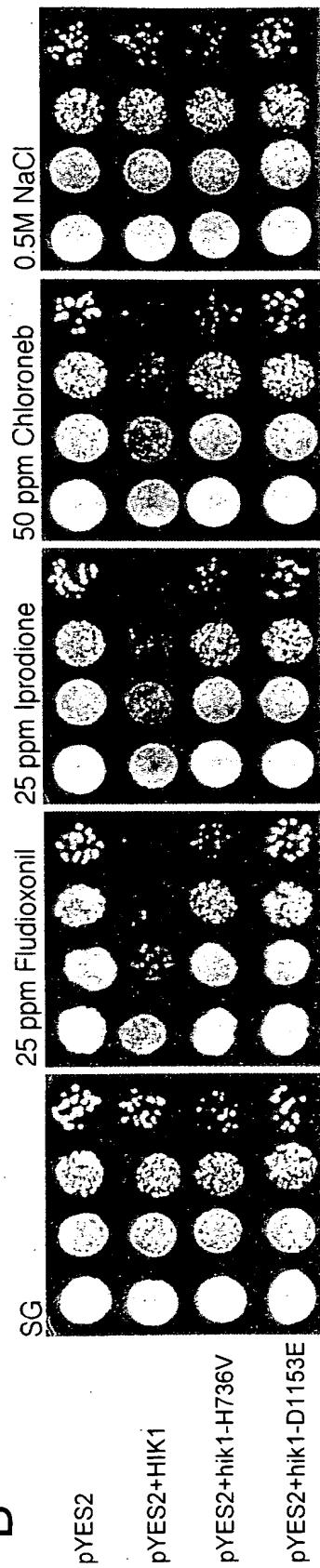
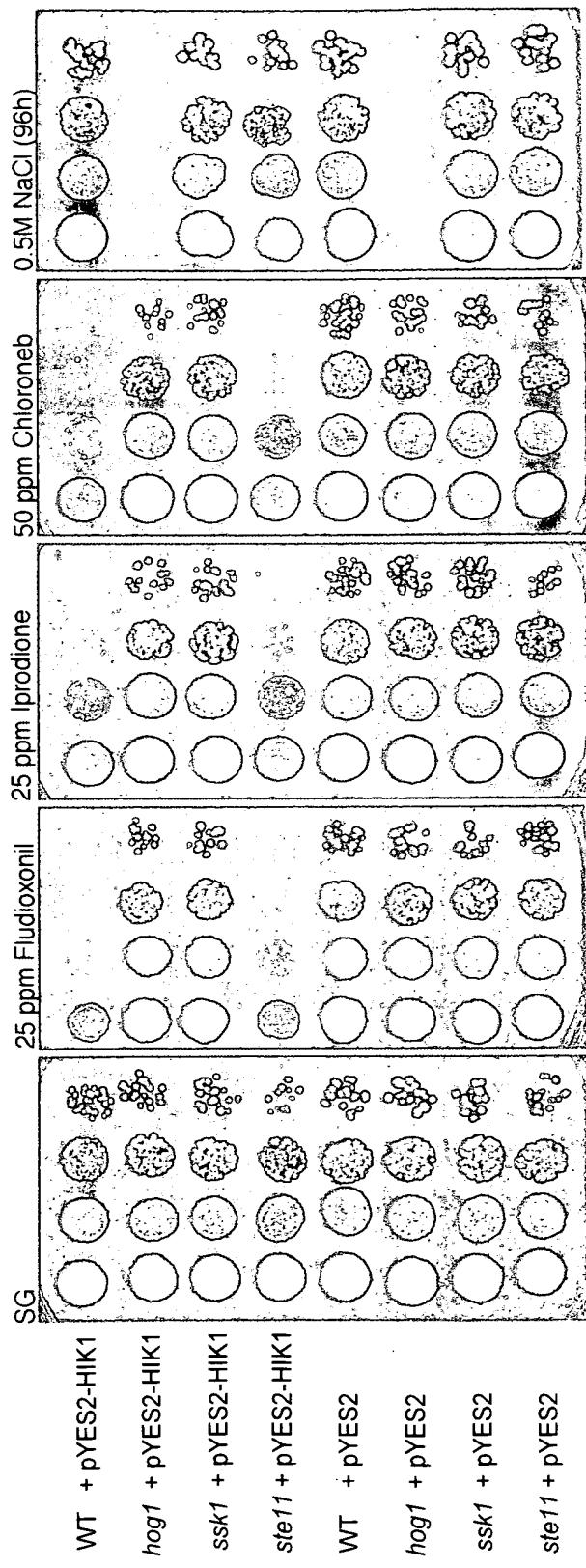


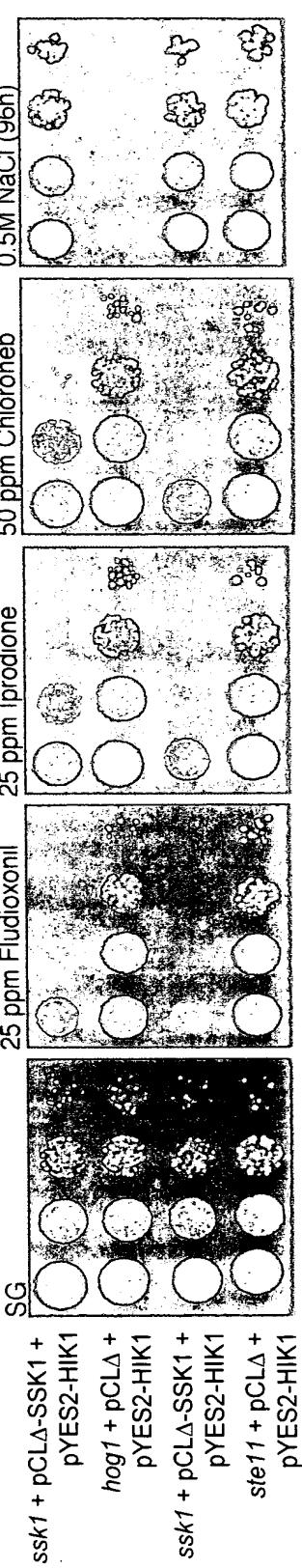
Fig. 7

A



7/8

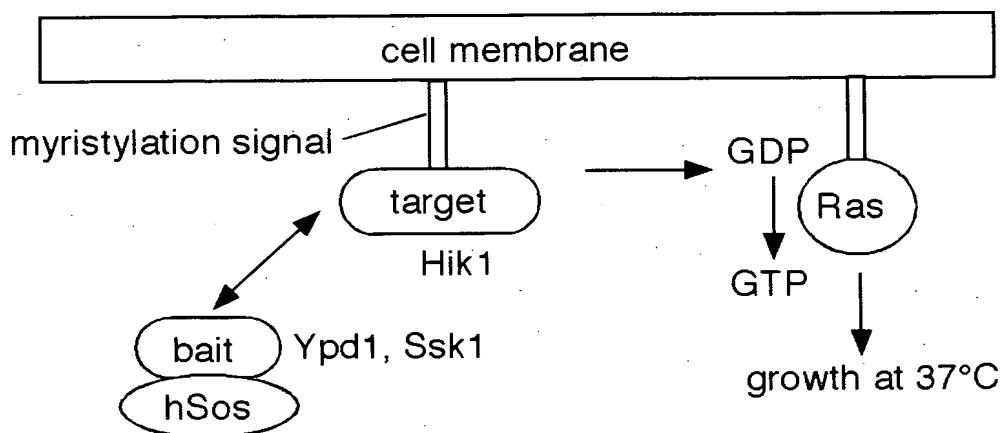
B



BEST AVAILABLE COPY

Fig. 8

A



B

